set of samples. Each early set of samples is multiplied by the spreading code c(n+1), c(n+2), ..., c(n+L), to generate a first plurality of products. L is approximately equal to the number of chips of delay between the earliest and latest multipath signals. A first plurality of sums and magnitudes are computed from the first plurality of products. The first plurality of magnitudes are summed to generate an early signal-energy value. Each late set of samples is multiplied by the spreading-code c(n-1), c(n-2), ..., c(n-L), thereby generating a second plurality of products. A second plurality of sums and magnitudes are computed from the second plurality of products. The second plurality of magnitudes are summed to generate a late signal-energy value. A difference is calculated between the early signal-energy value and the late signal-energy value, thereby producing an error signal.--

REMARKS

By this Preliminary Amendment, Applicants cancel claim 1 and add new claims 2-4; amend the title; and amend the abstract. Entry of this Amendment and prompt allowance of the pending claims is respectfully requested.

Respectfully submitted,

Ozluturk et al.

By_____
Gerald B. Hart, Jr., Esquire
Registration No. 37,633
(215) 568-6400

Volpe and Koenig, P.C.
Suite 400, One Penn Center
1617 John F. Kennedy Blvd.
Philadelphia, PA 19103
GBH/kag